

ABSTRACT

A variable with block cipher using plaintext elements and masking array elements which are sometimes converted into digits in another number base. Binary bytes or digits are modified by binary rotating, shuffling of byte sequence and arithmetic/logic modification using masking arrays. For recovery of the plaintext, the ciphertext elements and masking array elements are sometimes converted again into digits and a reverse combination of rotating, shuffling and arithmetic/logic operations results in the original plaintext elements.